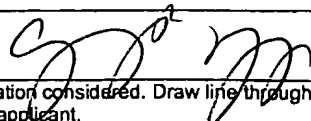
Sheet 1 of 8

Substitute Form PTO-1449 (Revised)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14555-003004	Application No. 09/992,491
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gary S. Hahn et al.	
		Filing Date November 21, 2001	Group Art Unit 1617

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
llc	AA	1,619,076	03/1927	Kuever			
	AB	2,216,816	10/1940	Kuever			
	AC	2,236,387	03/1941	Wallace, et al.			
	AD	2,719,811	10/1955	Cook, et al.			
	AE	2,885,323	05/1959	Braun			
	AF	3,075,880	01/1963	Roth			
	AG	3,343,540	09/1967	Siegel			
	AH	3,519,711	07/1970	Svigals			
	AI	3,558,771	01/1971	Balassa			
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	AK	3,689,636	09/1972	Svajda			
	AL	3,861,868	01/1975	Millbrada			
	AM	3,865,546	02/1975	Zemlin, et al.			
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	AQ	4,083,965	04/1978	Bluhm			
	AR	4,160,819	07/1979	Willer, et al.			
	AS	4,161,522	07/1979	Hamburger			
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AU	4,185,093	01/1980	Carnes, et al.				
AV	4,235,873	11/1980	Packman				
AW	4,248,861	02/1981	Schutt				
AX	4,283,386	08/1981	Van Scott, et al.				
AY	4,323,558	04/1982	Nelson				
AZ	4,331,653	05/1982	Brown, et al.				
✓	AAA	4,367,224	01/1983	Van Scott, et al.			

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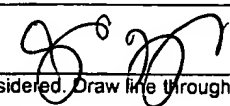
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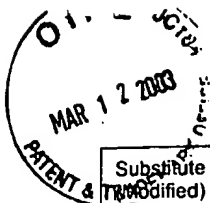
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14555-003004	Application No. 09/992,491
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gary S. Hahn et al.	
		Filing Date November 21, 2001	Group Art Unit 1617

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Examiner Initial	Desig. ID	Document Number	Publication ¹ Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	ACC	4,507,321	03/1985	Raisfield			
	ADD	4,551,330	11/1985	Wagman, et al.			
	AEE	4,579,840	04/1986	Hahn			
	AFF	4,626,433	12/1986	Gros			
	AGG	4,628,045	12/1986	Hahn			
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	AJJ	4,686,282	08/1987	Hahn			
	AKK	4,692,511	09/1987	Hahn			
	ALL	4,704,234	11/1987	Petersen, et al.			
	AMM	4,732,892	03/1988	Sarpotdar, et al.			
	ANN	4,735,802	04/1988	Le			
	AOO	4,772,591	09/1988	Meisner			
	APP	4,816,449	03/1989	Hahn			
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	AVV	5,061,692	10/1991	Hahn			
	AWW	5,079,010	01/1992	Natterer			
	AXX	5,091,171	02/1992	Yu, et al.			
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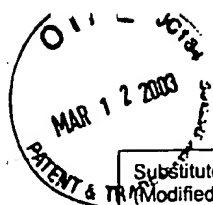
U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date *	Patentee	Class	Subclass	Filing Date If Appropriate
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	ADDD	5,279,837	01/1994	Hill			
	AEEE	5,296,476	03/1994	Henderson			
	AFFF	5,360,824	11/1994	Barker			
	AGGG	5,407,958	04/1995	Heath, et al.			
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	AMMM	5,468,730	11/1995	Hahn			
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	AOOO	5,674,505	10/1997	Levere, et al.			
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	AQQQ	5,804,203	09/1998	Hahn, et al.			
	ARRR	5,824,650	10/1998	De Lacharriere, et al.			
	ASSS	5,851,556	12/1998	Breton, et al.			
	ATTT	5,866,168	02/1999	De Lacharriere, et al.			
	AUUU	5,912,233	06/1999	Hahn			
	AVVV	5,958,436	09/1999	Hahn, et al.			
✓	AWWW	5,972,892	10/1999	De Lacharriere, et al.			

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
JH	AXXX	17854/92	12/1992	Australia				
	AYYY	0 085 579	08/1983	Europe				
	AZZZ	0 100 827	02/1984	Europe				

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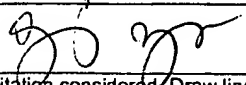
Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14555-003004	Application No. 09/992,491
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		Filing Date November 21, 2001	Group Art Unit 1617

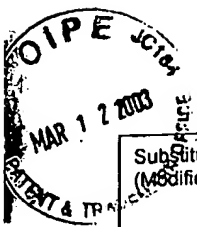
Foreign Patent Documents or Published Foreign Patent Applications								
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JH	AAAAA	0 132 126	01/1985	Europe				
	BBBBB	0 137 743	04/1985	Europe				
	CCCCC	0 165 430	12/1985	Europe				
	DDDDD	0 217 975	04/1987	Europe				
	EEEEE	0 253 083	01/1988	Europe				
	FFFFF	0 424 033	04/1991	Europe				
	AGGGG	0 432 700	06/1987	Europe				
	AHHHH	0 439 640	08/1991	Europe				
	AIIII	0 469 813	02/1992	Europe				
	AJJJJ	0 471 392	02/1992	Europe				
	AKKKK	0 484 112	05/1992	Europe				
	ALLLL	0 520 112	12/1992	Europe				
	AMMMM	0 559 262	09/1993	Europe				
	ANNNN	0 654 270	05/1995	Europe				
	AOOOO	0 671 162	09/1995	Europe				
	APPPP	6,548 M	12/1968	France				
	AQQQQ	2,122,613	09/1972	France				
	ARRRR	2,291,740	06/1976	France				
	ASSSS	2,482,860	01/1982	France				
	ATTTT	2,590,273	05/1987	France				
JH	AUUUU	2,725,901	04/1996	France				
	AVVVV	2 362 268	07/1974	Germany				
	AWWWW	2 657 896	07/1978	Germany				
	AXXXX	1,072,355	06/1967	Great Britain				
	AYYYY	1,334,933	10/1973	Great Britain				
JH	AZZZZ	53-121007	10/1978	Japan (abstract)				
	AAAAAA	54-163819	12/1979	Japan (abstract)				

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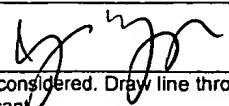
Sheet 5 of 8

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14555-003004	Application No. 09/992,491
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gary S. Hahn et al.	
		Filing Date November 21, 2001	Group Art Unit 1617

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Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
gmr	ABBBBB	61-109725	05/1986	Japan (abstract)			
	ACCCCC	63-215635	09/1988	Japan (abstract)			
	ADDDDD	04-005224	01/1992	Japan (abstract)			
	AEEEEEE	04-230620	08/1992	Japan (abstract)			
	FFFFFFF	05-117158	05/1993	Japan (abstract)			
	AGGGGG	05-123398	05/1993	Japan (abstract)			
	AHHHHH	05-221823	08/1993	Japan (abstract)			
	AIIIII	06-135840	05/1994	Japan (abstract)			
	AJJJJJ	WO 91/19491	12/1991	WIPO			
	AKKKKK	WO 92/08777	05/1992	WIPO			
	ALLLLL	WO 92/09291	06/1992	WIPO			
	AMMMMM	WO 93/25211	12/1993	WIPO			
	ANNNNN	WO 94/09798	05/1994	WIPO			
	AOOOOO	WO 94/13305	06/1994	WIPO			
	APPPPP	WO 95/26198	10/1995	WIPO			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
gmr	AQQQQQ	Abel, Elizabeth A., "Phototherapy", <i>Dermatologic Clinics</i> , 13(4):841-849, October 1995.
	ARRRRR	Arky, Ronald, et al. (Eds.), <i>Physicians Desk Reference</i> , 49 th ed., 1995, p. 929.
	ASSSSS	Armstrong, C.M., et al, "The Role of Calcium Ions in the Closing of K Channels," <i>J. Gen. Physiol.</i> , 87:817-832, May 1986.
	ATTTTT	Bayless, J. Mark, et al, "Diagnosis and Treatment of Acute Fluoride Toxicity", <i>J. Am. Dental Ass'n</i> , 110:209-211, February 1985.
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	AXXXXX	Degroot, <i>Unwanted Effects of Cosmetics and Drugs Used in Dermatology</i> , 1995, p. 229.

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
14555-003004Application No.
09/992,491**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Gary S. Hahn et al.Filing Date
November 21, 2001Group Art Unit
1617**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
W	AYYYYY	Dolynchuk, et al., "Topical Purtescine (Fibrostat) in Treatment of Hypertrophic Scars: Phase II Study", <i>Plast. Reconstr. Surg.</i> , 97(1):117-123, January 1996.
	AZZZZZ	Drozdiak, W., "Keeping Svelte and Healthy With Vitamin Sea", <i>The Washington Post</i> , Issued Mar. 25, 1996, Section A, p. 11.
	AAAAAA	<i>Drug Facts and Comparisons</i> , 1995 Edition (Facts and Comparisons, St. Louis, MO), pp. 37-38.
	ABBBBB	Fitzpatrick, Thomas B., et al., (Eds.), <i>Dermatology in General Medicine</i> , (McGraw-Hill, Inc. 1993) 4 th ed., vol. 1, pp. 501, 508-510, 1393-1396.
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	ADDDDD	Goldemberg, et al., "Reduction of Topical Irritation", <i>J. Soc. Cosmet. Chem.</i> , 28(11):667-679, 1977.
	AEEEEEE	Gonzalez, Ernesto, "PUVA for Psoriasis", <i>Dermatologic Clinics</i> , 13(4):851-866, October 1995.
	AFFFFFF	Greaves, Malcolm W., et al., "Treatment of Psoriasis", <i>New England J. Med.</i> , 332(9):581-588, March 1995.
	AGGGGG	Griffiths, Tamara W., et al., "Immunopathogenesis and Immunotherapy of Psoriasis", <i>Dermatologic Clinics</i> , 13(4):739-749, October 1995.
	AHHHHH	Hahn, et al., <i>J. Allerg. Clin. Immunol.</i> , 85(1 part 2):298 (1990).
	AIIIII	Hallmans, Goran, "Local Absorption of Zinc from Wounds Treated with Different Concentrations of Zinc Sulphate", <i>Acta Dermatovener (Stockholm)</i> , 58:413-419, 1978.
	AJJJJJ	Harris, R. Adron, et al., "Antinociceptive Effects of Lanthanum and Cerium in Nontolerant and Morphine Tolerant-Dependent Animals", <i>J. Pharmacol. Exp. Ther.</i> , 196(2):288-297, 1976.
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	ANNNNN	Katz, H. Irving, "Tropical Corticosteroids", <i>Dermatologic Clinics</i> , 13(4):805-815, October 1995.
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	AQQQQQ	Kragballe, Knud, "Vitamin D ₃ Analogues", <i>Dermatologic Clinics</i> , 13(4):835-839, October 1995.
	ARRRRR	Krnjevic, K., "Actions of Drugs on Single Neurones in the Cerebral Cortex", <i>Brit. Med. Bull.</i> , 21(1):10-14, 1965.
	ASSSSS	Lansdown, A.B.G., "Interspecies Variations in Response to Topical Application of Selected Zinc Compounds", <i>Food Chem. Toxic.</i> , 29(1):57-64, 1991.
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 7 of 8

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
14555-003004Application No.
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(37 CFR §1.98(b))

Applicant
Gary S. Hahn et al.Filing Date
November 21, 2001Group Art Unit
1617**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
mm	AVVVVV	Lowe, Nicholas, et al., "Generalized Pustular Psoriasis Precipitated by Lithium Carbonate", <i>Arch. Dermatol.</i> , 114:1788-1789, December 1978.
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	AYYYYY	Morris, Christopher J., et al., "Reactive Oxygen Species and Iron - a Dangerous Partnership in Inflammation", <i>Int. J. Biochem. Cell Biol.</i> , 27(2):109-122, 1995.
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	BBBBBB	Piacentini, M., et al., Medline Abstract No. 88153675, "Free and Protein-Conjugated Polyamines in Mouse Epidermal Cells: Effect of High Calcium and Retinoic Acid", <i>J. Biol. Chem.</i> , 263(8):3790-3794, March 1988.
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	AFFFFFF	Silverman, A.K., et al., "Tars and Anthralins", <i>Dermatologic Clinics</i> , 13(4):818-830, October 1995.
	GGGGGG	Tagami, Hachiro, et al., "Interrelationship Between Water-Barrier and Reservoir Functions of Pathologic Stratum Corneum", <i>Arch. Dermatol.</i> , 121:642-645, May 1985.
	HHHHHH	Takata, M., et al., "Ionic Conductance Changes in Lobster Axon Membrane when Lanthanum is Substituted for Calcium", <i>J. Gen. Physiol.</i> , 50:461-471, 1966
	AIIIIII	Tzehoval, et al., <i>Springer Semin. Immunopathol</i> , 2:205-214 (1979).
	AJJJJJJ	Viluksela, M., Medline Abstract No.9202794 "Characteristics and Modulation of Dithranol (Anthralin)-Induced Skin Irritation in the Mouse Ear Model", <i>Archives of Dermatological Research</i> , 283(4):262-268, 1991.
	KKKKKK	Von den Driesch, P., et al., Medline Abstract No. 87021350, "Fulminant Acne: Therapy with 13-cis-Retinoic Acid and Indomethacin", <i>Zeitschrift fur Hautkrankheiten</i> , 61(16):1145-1151, August 1986.
	ALLLLLL	Wieder, Joshua M., et al., "Systemic Retinoids for Psoriasis", <i>Dermatologic Clinics</i> , 13(4):891-896, October 1995.
	MMMMMM	Wilhelm, K.P., et al., Medline Abstract No.92013249 "Effect of Sodium Lauryl Sulfate-Induced Skin Irritation on In Vivo Percutaneous Penetration of Four Drugs", <i>Journal of Investigative Dermatology</i> , 97(5):927-932, November 1991.
	NNNNNN	Wilkinson, J.B., et al. (Eds.), <i>Harry's Cosmeticology</i> , (Chemical Publishing Company, New York, NY, 1982), p. 74.

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Sheet 8 of 8


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14555-003004	Application No. 09/992,491
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
SR	OOOOOO	Winter, Ruth A. (Ed.), <i>A Consumer's Dictionary of Cosmetic Ingredients</i> , 3 rd edition (Crown Publishers, New York, 1989), pp.32-33.
SR	APPPPP	Y. Zyzyukin, et al., "Local Action of Strontium Compounds", <i>Chemical Abstracts</i> , 1973:12, pp.100-101, Abstract No. 80:78918 (1973).
	QQQQQQ	
	RRRRRR	
	ASSSSS	

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